CIVIL TECH LABS

5, 1st Cross, Srinivasa Colony, Mission Road, Bangalore - 560027
Ph: 080 - 4114 2867, Email: civiltechlabs@gmail.com

TEST REPORT

DETERMINATION OF AGGREGATE IMPACT VALUE

Name & Address of the Customer	AEE,Yelahanka Satellite Town Sub Division, BBMP
Name of the Work	Providing asphalting to 8th B cross road in Ward no 04
Name of the Agency	Sri. H. Suresh
Sample	Wet Mix Macadam
Date of Testing	15/06/2017
Technical Reference	IS 2386(Part 4)- 1963 (Reaffirmed-2016)

Sample No.	Aggregate Impact Value, 'AIV' in %	Average 'AIV' in %	Requirements As per MORTH (4th Revision) Table 400-10 for WMM
1	21.6	22.1	Maximum allowed 'AIV' is 30%
2	22.5		

Remarks	**Satisfies the requirement**

Note:

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3. Any correction invalidates this report.
4. The results are based on the test conducted on samples supplied by the customer.

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TEST REPORT

COMBINED FLAKINESS AND ELONGATION INDEX TEST ON AGGREGATES

Name & Address of the Customer	AEE,Yelahanka Satellite Town Sub Division, BBMP
Name of the Work	Providing asphalting to 8th B cross road in Ward no 04
Name of the Agency	Sri. H. Suresh
Sample	Wet Mix Macadam
Date of Testing	15/06/2017
Technical Reference	IS 2386(Part 1)- 1963 (Reaffirmed-2016)

Test	Result in %	Combined Flakiness & Elongation Index 'C-F&E' in %	Requirements As per MORTH (4th Revision) Table 400-10 for WMM
Flakiness Index	11.6	**26.0**	Maximum allowed 'C-F&E' is 30 %
Elongation Index	14.4		

Remarks	**Satisfies the requirement**

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TEST REPORT

COMBINED FLAKINESS AND ELONGATION INDEX TEST ON AGGREGATES

Name & Address of the Customer	AEE,Yelahanka Satellite Town Sub Division, BBMP
Name of the Work	Providing asphalting to 8th B cross road in Ward no 04
Name of the Agency	Sri. H. Suresh
Sample	Bituminous Macadam
Date of Testing	20/06/2017
Technical Reference	IS 2386(Part 1)- 1963 (Reaffirmed-2016)

Test	Result in %	Combined Flakiness & Elongation Index 'C-F&E' in %	Requirements As per MORTH (4th Revision) Table 500-3 for BM
Flakiness Index	12.2	**26.7**	Maximum allowed 'C-F&E' is 30 %
Elongation Index	14.5		

Remarks	**Satisfies the requirement**

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TEST REPORT

DETERMINATION OF AGGREGATE IMPACT VALUE

Name & Address of the Customer	AEE,Yelahanka Satellite Town Sub Division, BBMP
Name of the Work	Providing asphalting to 8th B cross road in Ward no 04
Name of the Agency	Sri. H. Suresh
Sample	Bituminous Macadam
Date of Testing	20/06/2017
Technical Reference	IS 2386(Part 4)- 1963 (Reaffirmed-2016)

Sample No.	Aggregate Impact Value, 'AIV' in %	Average 'AIV' in %	Requirements As per MORTH (4th Revision) Table 500-3 for BM
1	24.50	25.40	Maximum allowed 'AIV' is 30%
2	26.30		

Remarks	**Satisfies the requirement**

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TEST REPORT

WATER ABSORPTION TEST OF ROAD AGGREGATES

Bituminous Macadam (BM)

Name & Address of the Customer	AEE,Yelahanka Satellite Town Sub Division, BBMP
Name of Work	Providing asphalting to 8th B cross road in Ward no 04
Name of Agency	Sri. H. Suresh
Date of Testing	20/06/2017

Method of Test	Sample No.	Water Absorption in %	Average Water Absorption in %	As per MORTH Table 500-03.	Remarks
IS : 2386 (Part 3)	1	0.90	0.94	2 % Maximum	Satisfactory
	2	0.95			
	3	0.98			

Note:

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TEST REPORT

STRIPPING TEST OF ROAD AGGREGATES

Bituminous Macadam (BM)

Name & Address of the Customer	AEE,Yelahanka Satellite Town Sub Division, BBMP
Name of Work	Providing asphalting to 8th B cross road in Ward no 04
Name of Agency	Sri. H. Suresh
Date of Testing	20/06/2017

Method of Test	Observation No.	Uncovered Area/Stripping in %	Average Stripping Value in %	As Per Morth Table 500-03	Remarks
IS 6241-1971 (Reaffirmed 2003)	1	4.20	4.05	5 % Maximum	Satisfactory
	2	3.96			
	3	3.98			

Note:

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AE Yk

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TEST REPORT

COMBINED FLAKINESS AND ELONGATION INDEX TEST ON AGGREGATES

Name & Address of the Customer	AEE,Yelahanka Satellite Town Sub Division, BBMP
Name of the Work	Providing asphalting to 8th B cross road in Ward no 04
Name of the Agency	Sri. H. Suresh
Sample	Bituminous Concrete
Date of Testing	23/06/2017
Technical Reference	IS 2386(Part 1)- 1963 (Reaffirmed-2016)

Test	Result in %	Combined Flakiness & Elongation Index 'C-F&E' in %	Requirements as per MORTH (4th Revision) Table 500-17 for BC
Flakiness Index	12.5	**26.1**	Maximum allowed 'C-F&E' is 30 %
Elongation Index	13.6		

Remarks	**Satisfies the requirement**

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TEST REPORT

DETERMINATION OF AGGREGATE IMPACT VALUE

Name & Address of the Customer	AEE,Yelahanka Satellite Town Sub Division, BBMP
Name of the Work	Providing asphalting to 8th B cross road in Ward no 04
Name of the Agency	Sri. H. Suresh
Sample	Bituminous Concrete
Date of Testing	23/06/2017
Technical Reference	IS 2386(Part 4)- 1963 (Reaffirmed-2016)

Sample No.	Aggregate Impact Value, 'AIV' in %	Average 'AIV' in %	Requirements as per MORTH (4th Revision) Table 500-17 for BC
1	21.3	22.0	Maximum allowed 'AIV' is 24%
2	22.6		

Remarks	**Satisfies the requirement**

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TEST REPORT

WATER ABSORPTION TEST OF ROAD AGGREGATES

Bituminous Concrete (BC)

Name & Address of the Customer	AEE,Yelahanka Satellite Town Sub Division, BBMP
Name of Work	Providing asphalting to 8th B cross road in Ward no 04
Name of Agency	Sri. H. Suresh
Date of Testing	23/06/2017

Method of Test	Sample No.	Water Absorption in %	Average Water Absorption in %	As per MORTH Table 500-17	Remarks
IS : 2386 (Part 3)	1	0.85	0.84	2 % Maximum	Satisfactory
	2	0.79			
	3	0.89			

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TEST REPORT

STRIPPING TEST OF ROAD AGGREGATES

Bituminous Concrete

Name & Address of the Customer	AEE,Yelahanka Satellite Town Sub Division, BBMP
Name of Work	Providing asphalting to 8th B cross road in Ward no 04
Name of Agency	Sri. H. Suresh
Date of Testing	23/06/2017

Method of Test	Observation No.	Uncovered Area/Stripping in %	Average Stripping Value in %	As Per Morth Table 500-17	Remarks
IS 6241-1971 (Reafirmed 2003))	1	4.1	3.6	5 % Maximum	Satisfactory
	2	3.2			
	3	3.6			

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